

RUDRAPRASAD CONSULTANTS
Structural Engineers, Architects &
Project Management Consultants



Date: 20-02-2020

To,

EXECUTIVE ENGINEER
PROJECT DIVISION
YELAHANKA ZONE
BBMP
BANGALORE

Dear Sir,

Sub: M/s. Rudraprasad Consultants Services for the work of IMPROVEMENTS TO CC ROADS AND CC DRAINS WORKS AT VINAYAKANAGARA IN WARD NO.05 BYATARAYANAPURA SUB DIVISION

- Ref:** 1. Work Order No: EE(Project)/YnkZone/WO/68/2019-20
2. Job code: 005-20-000001

We are here with forwarding to Executive Engineer, KRIDL, Bangalore. First and Final bill duly verified and certified that the Work is satisfactory and for a Gross Value of RS.97,01,513.25/-(RS. Ninety Seven Lakhs One Thousand Five Hundred Thirteen and Twenty Five Paise Only).

Thanking you,

Yours faithfully,

For Rudraprasad Consultants

B. KARTHIK RECHAN B.E, M.S (U.S.A)
PRINCIPAL CONSULTANT
RUDRAPRASAD CONSULTANTS



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NAME OF WORK:- Improvements to CC Roads and CC Drains works at Vinayakanagara in Ward No.05 Byatarayanapura Sub Division

Name of Client : Executive Engineer, Project Division Yelahanka Zone, BBMP, Bangalore.

Contractor/ Agency: Executive Engineer, KRIDL, Bangalore.

Total Cost : Rs-97,01,513.25/-

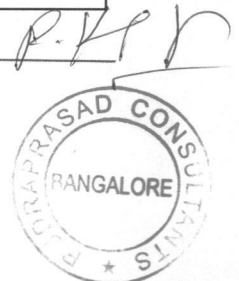
Date Of Inspection : 20-02-20

Status Of Bill : First & Final Bill

In the Presence of :
a) Assistant Engineer ,Ward no-5 ,Byatarayanapura division, BBMP, Bangalore
b) R. Karthik Rechan, Partner, M/S RUDRAPRASAD CONSULTANTS, BANGALORE

PMC COMPLIANCE REPORT		
Sl. No.	Description of work	Comments/Observations
1	Earthwork excavation by manual means in ordinary soil involving an average horizontal throw upto 2 meters and an average lift upto 0.5 m, excavated surface leveled and sides neatly dressed, the disposed earth to be leveled neatly after breaking of clods complete as per specifications. and as per the directions of the Engineer-in-charge of the work .	Work done upto the Billed Quantity and the Quality is satisfactory
2	Removing B S Slab of Drain and stacking 7.5MM Thick, and as per the directions of the Engineer-in-charge of the work .	Work done upto the Billed Quantity and the Quality is satisfactory
3	Refixing stone slabs of drains and pointing in C.M (1:3) and as per the directions of the Engineer-in-charge of the work .	Work done upto the Billed Quantity and the Quality is satisfactory
4	Providing granite slabs of selected quality roughly dressed and fixed in cement mortar(1:6) including fixing curing etc and as per the directions of the Engineer-in-charge of the work .	Work done upto the Billed Quantity and the Quality is satisfactory

#3, 7th Main Malleswaram, Bangalore – 560003
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5	PConstruction of Rolled Cement Concrete mix 1:4:8 OPC cement @180kgs, with 25mm and down size graded granite metal coarse aggregate at 0.85cum and fine aggregates @0.57cum base course with coarse and fine aggregate conforming to IS:383, aggregate	Work done upto the Billed Quantity and the Quality is satisfactory
6	Providing and constructing granite / trap / basalt size stone masonry in foundation with cement mortar 1:6, stone hammerd dressed in courses not less than 20 cms high, bond stones at two m. apart in each course including cost of materials, labour, curing complete as per specifications. and as per the directions of the Engineer-in-charge of the work .	Work done upto the Billed Quantity and the Quality is satisfactory
7	Providing and constructing granite / trap / basalt size stone masonry in basement with cement mortar 1:6, edges of stones chistle dressed in courses not less than 15 cms high, bond stones at two m. apart in each course including cost of materials, labour, curing complete as per specifications. and as per the directions of the Engineer-in-charge of the work .	Work done upto the Billed Quantity and the Quality is satisfactory
8	Providing and removing centering, shuttering, strutting, propping etc., and removal of form work for sides and soffits of beams, beam haunchings, cantilever girders, bressumers and lintels not exceeding 1m in depth including cost of all materials, labour complete as per specifications.and as per the directions of the Engineer-in-charge of the work .	Work done upto the Billed Quantity and the Quality is satisfactory



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9	Providing and laying Plain cement concrete of mix 1:3:6 with OPC @ 220kgs, with crushed 40mm and down size graded granite metal coarse aggregates @0.89cum and fine aggregates @ 0.46cum, in foundation mechanically mixed, placed in foundation and compacted by vibration including curing for 14 days including cost of all materials, labour, HOM curing, form works, scaffolding and centering complete as per specifications. and as per the directions of the Engineer-in-charge of the work .	Work done upto the Billed Quantity and the Quality is satisfactory
10	Providing Flush pointing to coursed stone masonry with cement mortar 1:3, 20mm deep, after raking joints to depth of 20mm nicely lining, including cost of materials, labour, curing complete as per specifications. and as per the directions of the Engineer-in-charge of the work .	Work done upto the Billed Quantity and the Quality is satisfactory
11	Providing and laying in position plain cement concrete of mix M20 with OPC cement @ 320kgs, with 20mm and down size graded granite metal coarse aggregates @0.875 cum and fine aggregates @ 0.460 cum, with super plasticisers @ 3 liters confirming to IS 9103-1999 reaffirmed-2008, machine mixed, concrete laid in layers not exceeding 15 cms thick, vibrated for all works in foundation for footings, pedestals, retaining walls, return walls, walls (any thickness) including attached pilasters, column pillars, posts, struts, buttresses, bed blocks, anchor blocks & plinths etc., including cost of all materials, labour, HOM of machinery, curing, complete but excluding cost of reinforcement as per specifications. and as per the directions of the Engineer-in-charge of the work .	Work done upto the Billed Quantity and the Quality is satisfactory
12	Providing TMT steel reinforcement for R.C.C work including straightening, cutting, bending, hooking, placing in position, lapping and / or welding wherever required, tying with binding wire and anchoring to the adjoining members wherever necessary complete as per design (laps, hooks and wastage shall not be measured and paid) cost of materials, labour, HOM of machinery complete as per specifications. and as per the directions of the Engineer-in-charge of the work .	Work done upto the Billed Quantity and the Quality is satisfactory

P.V.R



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13	Construction of Embankment with Material Gravel/Murum. KSRRB M300-53. Construction of embankment with approved material Gravel/Murum with all lifts and leads, transporting to site, spreading, grading to required slope and compacting to meet requirement Table 300- 2 complete as per specifications.(Which includes cost of gravel/murum, watering charges & compaction by vibratory roller) and as per the directions of the Engineer-in-charge of the work .	Work done upto the Billed Quantity and the Quality is satisfactory
14	Providing, laying spreading and compacting graded stones aggregate to wet mix macadam specifications including premixing the material with water at OMC in mechanical mix plant carriage of mixed method of tipper to site, laying, in uniform layers with paver in sub base course on well prepared surface and compacting with vibratory roller to achieve the desired density complete as per specifications and as per the directions of the Engineer-in-charge of the work .	Work done upto the Billed Quantity and the Quality is satisfactory
15	Precast slab 20mm and down size for slab (including steel reinforcement) including centring and shuttering machine mixed concrete laid in layers not exceeding 15cms thick well compacted cost of all materials labour HOM of machineries curing complete as per specifications C : C 1:1.5:3 Including all cost of material (DATA RATE ENCLOSED) 10cm thick RCC pre cast slab. and as per the directions of the Engineer-in-charge of the work .	Work done upto the Billed Quantity and the Quality is satisfactory
16	Providing and installing at site of work 63mm (0.662) PVC Pipes of 6 kg / cm ² including cost of pipes and specials and labour, including lowering into trenches, laying true to line, level and perfect linking at joints leak proof including jointing of approved type with all labour and lift charges, handling charges including encasing the pipe around to a depth not less than 15cms with gravel or selected earth available from the excavation etc., complete and as per the directions of the Engineer-in-charge of the work .	

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17	Laying Reinforced cement concrete pipe NP2/ Prestressed concrete pipe for culverts on first class bedding of granular material in single row including fixing collar with cement mortar 1:2 but excluding excavation, protection works, backfilling and masonry works in head walls and parapet complete as per specifications. and as per the directions of the Engineer-in-charge of the work .	Work done upto the Billed Quantity and the Quality is satisfactory
18	Providing 100mm and down nominal size and as per the directions of the Engineer-in-charge of the work .	Work done upto the Billed Quantity and the Quality is satisfactory
19	Providing 40mm and down nominal size and as per the directions of the Engineer-in-charge of the work .	Work done upto the Billed Quantity and the Quality is satisfactory
20	Providing 20mm and down nominal size and as per the directions of the Engineer-in-charge of the work .	Work done upto the Billed Quantity and the Quality is satisfactory
21	Providing fine aggregate 2.36 nominal size and as per the directions of the Engineer-in-charge of the work .	Work done upto the Billed Quantity and the Quality is satisfactory
22	Loading and Unloading of stone boulders by manual means complete as per specification and as per the directions of the Engineer-in-charge of the work .	Work done upto the Billed Quantity and the Quality is satisfactory

P. V. J. C.

